



## Highlights

### Congratulations to Nellis' colonel selects.

**Air Warfare Center**  
Callahan, James

**99th Wing**  
Palombo, Allan  
Worrell, Josuelito

**57th Wing**  
Mackey, Albert  
Murphy, Kenneth  
Sowdon, John

### POW/MIA

#### Recognition Day

*Come honor those comrades who were captured and those who are still unaccounted for today at 4 p.m. at Nellis' Freedom Park. The commemoration ceremony includes comments from military and civilian leaders, medal presentations, POW comments and a missing-man formation fly-by.*

### Military appreciation picnic

Nellis' community is invited to a free picnic sponsored by North Las Vegas Chamber of Commerce Sept. 22, 11:30 a.m. to 4:30 p.m., at Nellis' Freedom Park. The celebration includes food, entertainment, prize drawings, volleyball and softball.



Photo by Airman 1st Class Brian Kester

**Fuel trucks fill up F-15E's from RAF Lakenheath. The jets are preparing to fly their second training mission of the day.**

## Green Flag comes to an end

**By Airman 1st Class Brian Kester  
48th Fighter Wing Public Affairs**

Nearly 100 jets from the Air Force and Navy were rocking the mountains ranges of Nevada for the past six weeks as part of the final Green Flag exercise at Nellis.

With an inventory of fighters, tankers, reconnaissance and cargo jets and young aircrews eager to see what simulated war-fighting in the desert is all about, the summer exercise kicked off in July and wrapped up in early September.

"Number one, I hope our pilots here learned how to be better individuals in the air during combat situations because our whole mission in these exercises is to keep our pilots alive," said Col. Thomas King, deployed forces commander of Green Flag. "I also hope the units have increased their combat capability because of what these folks have learned.

"Second, I hope the different

units here and the different services represented here have learned how to work together better as a team so that if needed, we can go out and win a war together as a cohesive, well-oiled machine."

Green Flag prepares pilots to fight, said Lt. Col. Paul Ackerman, RAF Lakenheath Green Flag commander from the 494th Fighter Squadron. One of the biggest lessons learned during the Vietnam War was that if pilots can survive their first seven combat sorties, their chances of survival during a conflict significantly increases. With that mentality, he said, Green Flag exercises help get pilots through those missions in a simulated combat environment.

This exercise wasn't just used to teach new aircrew how to fight. Older aircrews sharpen their skills. Also, pilots say it's beneficial to come back as a seasoned pilot to command combat missions.

"Green Flag helps both the new

and the experienced aircrew become better at what their jobs are," said Maj. Thomas Colby, 48th Operations Support Squadron.

"Ideally, it's good for new pilots or weapons systems operators to come here as lieutenants or young captains and get trained in combat as wing men, taking that knowledge back to their base as they work up the chain. After that, once they get some more time in the air and become wing leads, it's good for them to come back so they can get combat training as the leader of a mission."

Training at Nellis offers these aspects of training that pilots can't get anywhere but here, he said.

Although this Green Flag was the last to be held at Nellis, it won't be the last exercise held over the desert range. Red Flag, a similar exercise that's been held since July 1976, will continue to help aircrews from around the world prepare for battle by battling against each other.



# New weapon system approved through JEFX

**By Tech. Sgt. Stefan Alford**  
**Joint Expeditionary Force Experiment**  
**2000 Public Affairs**

HURLBURT FIELD, Fla. — The Air Force officially has a new weapons system.

After three years of experimentation, Air Force Chief of Staff Gen. Michael Ryan announced that the air operations center is now an integral part of how the service will prepare for and conduct future expeditionary operations.

"I declare the AOC as an official weapons system today," Gen. Ryan said after a visit here Sept. 8 to view the air operations center during Joint Expeditionary Force Experiment 2000.

The air operations center at Hurlburt is the hub for all of the information flow involved in the experiment. It simulates a forward command and control structure that plans and directs the air campaign using intelligence, surveil-

lance and reconnaissance, and initiatives such as agile combat support and time-critical targeting. In essence, it is a forward-deployed war room — light, lean and lethal. During a real-world operation, the AOC will be the "eyes, ears, hands and legs of the commander," said Gen. Ryan.

"In each of our theaters, the ability of the air commander to execute the mission depends on the capability to have an air operations center that (can be tailored) for the mission he needs to do," the chief of staff explained.

As an integral component of the aerospace power equation, Gen. Ryan said the next step in the process is to identify the specialty codes, training pipeline, career path and currency requirements associated with the AOC.

"We need a baselining of the capabilities in that weapons system, just as we do in our capabilities in something like an F-16," said the Air Force's senior leader. "(In the F-16) we have a crew chief who knows how to maintain it and

we have pilots who know how to fly it. We have to have the same concept for our air operations centers. We have to have those who know how to rapidly set it up and we must have operators who are very familiar with it," Gen. Ryan said.

That's where experimentation such as JEFX comes in. This year's experiment is the third in a series since 1998 designed to meet the evolving needs of the Expeditionary Aerospace Force of the 21st century and to implement Joint Vision 2020.

"Air Force experimentation provides both near- and long-term benefits for our warfighters," said Col. Kevin Dunleavy, the director of JEFX 2000. "It provides a means to assess new technologies and operational concepts, allows warfighter involvement early in the acquisition process and produces better informed investment decisions."

Air Force planners here view experimenta-

**See JEFX on Page 3**

## Base exchange consolidates credit cards

**By Mr. Gerry Gilmore**  
**American Forces Press Service**

WASHINGTON (AFPN) — Life is simpler for military exchange customers now that there's just one charge card instead of two.

The Department of Defense mandated the consolidation of the Delayed Payment Plan charge card issued by the Army and Air Force Exchange Service and the NEXCARD used in Navy and Marine exchanges, said Connie Gordon, general manager of the AAFES facilities at Fort Belvoir, Va. The Military Star Card is the result, she said.

The Star Card will be accepted at most of the AAFES, Navy, Marine Corps and Coast Guard exchange activities, to include catalog and military clothing stores operated by

AAFES and Marine Corps exchanges, Gordon said.

Previously, the only exchange-issued cards that stores honored were their own.

"We expect the Marine Corps and Coast Guard to be opening up more sites to accept the Military Star Card very soon," Gordon said.

AAFES, the Naval Exchange Service Command, the Marine Corps Exchange Service and the Coast Guard have approved the new card for use, she said. The official implementation date was Sept. 3, she added, but DPP cardholders in good credit standing began receiving their Star Cards in the mail weeks ago.

Customers are asked to destroy their old DPP and NEXCARD cards upon receipt of their new Star Card, according to exchange officials. Customers may still use

old cards until Dec. 31; only the Star Card will be accepted starting Jan. 1, 2001. The Star Card cannot be used at Class VI package stores or exchange theaters. They also cannot be used at food courts.

Gordon said the new program features redesigned balance statements designed to help customers better manage their accounts. The Star Card carries a 14.25 percent interest rate, the same rate as the cards it supercedes, said AAFES Customer Service Agent Stacy Martinez. That rate, she said, is competitive with similar store credit cards.

Use of the Star Card benefits the entire military, Gordon said. "The earnings that come from this card are plowed back into the military community in the form of morale, welfare and recreation dividends,"

she said. "It is a special benefit for customers (and) a win-win."

### **Nellis Base Exchange STAR Card usage**

*Nellis Base Exchange is currently accepting the STAR Card. Authorized customers who want to apply for the new card should visit the BX customer service department and must bring a military identification card.*

*For more information on usage of the STAR card, call 1-800-826-1317.*

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# JSEAD provides protection for aircrews

**By Airman 1st Class  
Brian Kester  
48th Fighter Wing  
Public Affairs**

During the final Green Flag exercise at Nellis a unique twist was included to the annual combat training scenario: Joint Suppression of Enemy Air Defenses.

JSEAD was developed because of the number of jets being lost to ground defenses rather than air attacks. In fact, since World War I, the United States has lost more aircraft due to these ground-based weapons than to dog-fights with enemy jets.

To protect against this, JSEAD was created to help target these ground defenses and eliminate their threat early in a war so that more aircraft might survive the fight.

This mission was used in Operation Allied Force and Operations Northern and Southern Watch, but this Green Flag is the first time it has been officially tested at full combat scale, with intelligence and command and control teaming with suppression and fighter aircraft.

Current and emerging surface-to-air missile systems and modern anti-aircraft artillery guns employ redundant and diverse target acquisition schemes. Combined with a wide vari-



Photo by Airman 1st Class Brian Kester

**Staff Sgt. Antonio Luna directs fellow weapon loader Airman 1st Class Thomas Litteer, both from the 494th Fighter Squadron RAF Lakenheath, as**

**they remove a munition used during the Joint Suppression of Enemy Air Defenses portion of Green Flag.**

ety of cueing and engagement techniques, missile and gun systems pose a significant threat that must be taken out before they strike our aircraft.

Fighter pilots from the 492nd and 494th Fighter Squadrons at RAF Lakenheath say the training has been invaluable to learning the capabilities of their jets

as well as the munitions their weapon system operators use.

"During the third period of Green Flag, we were able to drop about two GBU-15s a day," said Maj. Thomas Colby, 48th Operation Support Squadron. "That might not sound like a lot, but when you compare that to the four we've been able to drop in England in the

past two years, you can see it's a considerable difference. Our weapon system operators have been able to actually see how the weapons employ and how to maneuver them better to have a higher proficiency."

From the preliminary reports from the third period of Green Flag, the JSEAD program has been a huge success.

Targets identified by reconnaissance were destroyed by fighters and bombers that took part in the exercise, all the while defending other aircraft such as command and control jets.

Even though this was the last Green Flag exercise, this portion of training will find a permanent home with other exercises.

*JEFX*

**continued from Page 2**

tion as a discovery process. They are quick to differentiate it from the traditional military exercise, saying the service experiments to learn and exercises to train. In other words, military exercises hone established procedures to do them more efficiently, while experiments assess those procedures and new ideas that may become procedures.

Experimentation for the Air Force has always been important, said Gen. Ryan.

"We always have to be on the cutting edge because it's the leading technology that we leverage for our aerospace capabilities," said the chief of staff. "In this case (with the AOC), what we're looking at is the command and control area to make sure that we can move information around and do it in an efficient and effective

way. Inviting commercial people to come in (at JEFX) and show us what they have, allows us to interface with them and tell them what we need.

"It allows our bright, young people to be able to do some real creative things," he added, "so it's important to us. It's about our future."

That future involves an Air Force that will continually reshape itself to deploy forward with the smallest possible footprint in terms of equip-

ment and personnel.

"We're an expeditionary force," said Gen. Ryan. "We'll be expected to be expeditionary as far as I can see in the future. As far as our vision takes us to 2020, I see no lessening on the demand for us to move forward rapidly and to be able to execute very quickly. To do that, we need to get light and lean ... this is critical to the very nature of the business we do."



## Action Line

commander.action@nellis.af.mil

652-4636



Col. Del Eulberg 99th Air Base Wing commander

Nellis' Action Line is your direct line to the 99th Air Base Wing commander, Col. Del Eulberg. If you have worked through normal channels and are not satisfied

with the answer, the Action Line is your opportunity to ask questions or make suggestions about the subjects of concern to the Nellis community.

Please leave your name and phone number in case more specific information is required. You may also use our e-mail at: [commander.action@nellis.af.mil](mailto:commander.action@nellis.af.mil). Action Lines of general interest will be published in the Bullseye; others will be answered by phone. Remember, the quickest and most efficient way to solve a problem is to talk directly to the office that is responsible. This gives them a chance to help you and perhaps improve the process.

### Helpful phone numbers

BX Customer Service - 644-2044

Commissary - 643-7919

Child Development Center I - 652-4241

Child Development Center II - 652-5885

# Show pride of ownership on base

By Lt. Col. John Buckalew  
99th Support Group

I spent over two hours a few days ago inspecting family housing and was struck by the difference in the yards. Ninety percent of the yards reflected a great deal of pride and hard work by the occupant; on the other hand, the rest showed that the occupant paid little or no attention to lawns, plants, and gutters. This lack of pride negates the hard work others spend maintaining their areas and is misuse of government resources.

During the summer months, an average of 150 citations are issued weekly for failing to meet minimum standards. The requirement is simple. Lawns need to be mowed and edged, grass around fences and house foundations should be edged, flower gardens (and rock areas) should be free of weeds, bushes trimmed, and gutters should be free of grass (especially in and around any cracks). Over-watering of lawns seemed evident; some folks appear to simply turn on the sprinkler

and let it run for several hours (evidenced by significant accumulation of water in the street).

Yard inspections are accomplished Tuesdays. It's difficult to inspect each one every week with nearly 1,500 family housing units at Nellis. Non-compliance with minimum standards results in the occupant receiving a warning for the first non-compliance followed by citations. Receipt of three citations results in a probationary period if recommended by occupant's commander and approved by the support group commander, or possible eviction from family housing.

Now some answers to recent questions submitted via the Action Line:

Summer watering policy at Nellis is as follows: occupants of odd numbered quarters will water on odd days; occupants of even numbered quarters will water on even days. Common areas shared by both odd and even numbered facilities will be watered on odd numbered days. Five to 10 minutes is long enough to water a

lawn properly without causing runoff; however, some lawns require even shorter periods. In all cases, watering should be discontinued if runoff occurs. No watering is permitted between 10 a.m. to 7 p.m. for base housing occupants.

Family housing is a privilege, not a right. Please help ensure our military housing areas reflect "pride of ownership;" catch the spirit!

### Trash/Recycling pick-up dates

**The recycling schedule for base housing has not changed. Pick-up dates for Nellis Terrace and Manch Manor for the rest of the calendar year are:**

#### Trash pick-up

Oct. 9th and 23rd  
Nov. 6th and 20th  
Dec. 4th and 18th

#### Recycling pick-up

Sept. 25



# DOD attacks Ecstasy drug use

By Mr. Gerry Gilmore  
American Forces Press Service

WASHINGTON (AFPN) — What drug comes in tablets, makes “painful” realities go away and is popular among hedonistic young people today — including some service members?

The answer is an illegal “designer” drug called Ecstasy, also known as “Adam,” “XTC,” “Clarity” and “Essence.” Its use by service members increased markedly in fiscal 1999, and that is a concern to the Department of Defense, said Army Col. Mick Smith, science and testing officer of DoD’s Office of the Coordinator for Drug Enforcement Policy and Support.

DoD has tracked Ecstasy and service members’ use since the early 1990s and mandated service-wide random testing for Ecstasy in 1997.

“Ecstasy use is still not as prevalent as use of marijuana or cocaine,” Col. Smith said.

Ecstasy has no medical value and cannot be prescribed legally, Col. Smith said.

The drug is mostly manufactured in secret labs in the Netherlands and Belgium, with worldwide distribution arranged by organized crime.

When ingested, Ecstasy is quickly absorbed into the user’s bloodstream, Col. Smith said. It

goes to the brain and causes a massive release of a natural chemical called serotonin.

“Serotonin is a chemical that makes us feel good, so the Ecstasy user feels euphoria and a heightening of his or her senses,” he said. “The user will also experience increased heart rate, increased energy level and may hallucinate.”

However, Ecstasy has a dark downside not readily apparent to the “invincible” young people who use it.

“Recent scientific evidence has shown that even small amounts of Ecstasy damage the nerve cells that produce serotonin and cause permanent brain damage,” Col. Smith said.

“Users become depressed and suffer from memory loss. Some chronic users become permanently depressed.”

Col. Smith notes that Ecstasy has been popular since the late 1980s among young people overseas, particularly in Europe. The drug has become a signature of youthful crowds who dance all night in packed, overheated clubs called “raves.”

The drug has crossed the Atlantic in force: U.S. hospitals participating in the Drug Abuse Warning Network reported that Ecstasy-related emergency room incidents increased nationwide from 250 in 1994, to 637 in 1997, to

1,142 in 1998.

Ecstasy abuse can be dangerous. “Users taking too much Ecstasy may become dehydrated, have elevated temperature, have a drop in blood pressure, have a seizure, and die,” Col. Smith said. “There have been numerous reports of young people dying after Ecstasy use.”

The U.S. military takes service members’ drug abuse seriously. It uses education and deterrence — most notably in the form of random urinalyses testing — to reduce drug demand within its ranks, Col. Smith said. These efforts continue to be successful, as shown by the relatively low number of service members who are testing positive for illegal drug use.

“Next year, DoD will implement a better screening process in its random drug testing program that will be more sensitive and identify more Ecstasy users,” he said.

Using Ecstasy violates Article 112-A of the Uniform Code of Military Justice, Col. Smith said. The article outlaws the knowing use of any illegal drug in the military. Drug users are subject to punitive discharges, prison or both.

“Many drug users believe that they will not get caught. But when they do get caught in a random drug test, the consequences are harsh,” he said.

## **Proposed expansion of Base Exchange**

The United States Air Force, in accordance with the National Environmental Policy Act, has prepared a Draft Environmental Assessment and Finding of No Significant Impact to analyze the potential environmental consequences of the proposed expansion of the base shopping center.

The proposed action would expand the existing Home and Garden Center to house the Base Exchange Service functions into one facility.

The action would require the demolition of an athletic field and softball field that will be relocated to other locations.

For further information concerning the draft documents, call Mr. John Monroe at 652-6448.



# JEFX tests force protection techniques

By Staff Sgt. Lori Wise  
JEFX Public Affairs

Innovative technology and ideas designed to enhance medical care and force protection for troops deployed to forward locations are taking agile combat support for the expeditionary aerospace force to a new level.

Force protection initiatives tested during JEFX '00 seek to enhance forward warfighter capabilities through improved situational awareness, faster reporting and alerting. Several force protection and medical systems that were originally designed to work separately are being integrated to see how efficiently they work together.

The Combat Support Command and Control System combines overhead imagery, sensor systems and advances in computer technology to provide a computer-based situational awareness tool. The CSC2 connects the Force Protection Base Defense Operations Center and some combat support functions to the wing-level Survival Recovery Center. Experimentation is also happening with a subsystem of CSC2 known as the Personnel Alerting and Warning System.

The PAWS notifies deployed personnel about force protection threats and chemical or biological hazards. The CSC2 and PAWS were developed through the sponsorship of the Force Protection Battlelab. The data provided by these initiatives is forwarded to the Global Combat Support System - Air Force program, and the Joint Rear Area Operations Center responsible for rear area defense in the deployed area of operations.

The Chemical/Biological Aerosol Warning System designed by Lockheed-Martin provides early remote detection for monitoring the perimeter of key military areas and assets. The CBAWS also monitors wind speed, direction and location data.

"This system provides leaders with the ability to protect troops from contamination, and it is functioning well so far," said Army Sgt. 1st Class

James Jernigan, readiness specialist with the Maneuver Support Battlelab, Ft. Leonard Wood, Mo. "It's user-friendly and mobile and makes our job in forward locations much safer. It's a proactive system rather than a reactive one."

Also being tested with CBAWS is the Personnel Alert Warning System.

The PAWS software monitors what the chemical and biological sensors in the field are recording. This information can be used by the commander to send out an alert warning to troops in the field who are carrying pagers linked to the system. The pagers vibrate and send text messages to the troops in high-noise environments, signaling them to put on their MOPP equipment and giving them more time to prepare.

The medical team is also looking at integration of telemedicine, known as "Doc in a Box." It is a videoconference transmission from the forward location that can link paramedics in the field with doctors based farther away. One scenario includes an ophthalmologist conferring with medics treating a soldier who has laser eye damage.

Another software program, The Global Expeditionary Medical System, provides computerized data from medics in the field to doctors and commanders in other locations. The GEMS lets medics enter forward battlefield charting information on hand-held devices, to include casualties, critical care status, triage categories, names of patients, poisoning, airborne illness symptoms, and need for reinforcements. The GEMS computer laptop provides medics with treatment protocol, medical checklists, databases of sensors being analyzed and medical surveillance.

The Wide-area Surveillance Thermal Imager, or WSTI system is being tested in conjunction with medical sensors to see if chemical or biological aerosol clouds will show up on the thermal picture.

"It's very practical, the Air Force is using it already, it's been field tested in humanitarian relief operations," said Tech. Sgt. Derrick Moniz,



Photo by Staff Sgt. Wayne Clark

**Army Sgt. 1st Class James Jernigan, Maneuver Support Battle Lab, Fort Leonard Wood, Mo., analyzes readings from a system designed for early detection and warning of biological and chemical agents. The Chemical/Biological Aerosol Warning System, or "C-BAWS" is being tested at Indian Springs.**

820th Security Forces Group, Lackland Air Force Base, Texas. "It's a great tool. The picture allows a commander to make quick decisions on how to handle situations from a security standpoint."

"All of these parts and pieces of systems that work separately don't give us answers, but when we combine them together, we can see the big picture and get those answers," said Lt. Col. Jim Swaby, Force Protection Battlelab, Lackland Air Force Base.



# Warrior of the Week

Airman 1st Class Summer Servert



**Unit:** 99th Medical Group  
**Duty Title:** Third party liability clerk  
**Hometown:** Columbus, Ohio  
**Time in Air Force:** 1 year and 9 months  
**Time at Nellis:** 1 year and 6 months  
**Hobbies:** Poetry, art and literature  
**If I could change one thing about Nellis?** I would give single airmen the choice of living on or off base.  
**What's my favorite Air Force memory?** Every time I send a customer away with a smile on his or her face.



Photo by Airman 1st Class Ashley Sorrels



# Not much time left to request an absentee ballot

By Staff Sgt. A.J. Bosker  
Air Force Print News

WASHINGTON — Given that absentee voting has never been easier, every citizen should exercise their right to vote according to Ms. Polli Brunelli, director of the Federal Voting Assistance Program.

In the 1996 elections, 25 percent of military members did not vote because they did not receive their requested ballots or did not receive them in time to vote and return them by the state deadlines for counting, Ms. Brunelli said. FVAP officials want to ensure military members have a successful voting process.

Absentee voting has never been easier, Ms. Brunelli explained. Each installation has a voting assistance officer who can provide guidance on how to register, how to vote by absentee ballot and how to contact the Federal Voting Assistance Program. The biggest obstacle facing military members and their families who have yet to register is time.

"There is not much time left after the general election," Ms. Brunelli stressed. "Anyone

wishing to register should fill out a postage-paid Federal Post Card Application (for voting by absentee ballot) and return it before Oct. 9. If someone can't get access to the cardstock FPCA, there is a non postage-paid version available online. However, it is only accepted by 42 states."

It is important to return the postcard as early as possible, according to federal voting officials, because each application must be reviewed by the local election official for eligibility before the proper absentee ballot can be sent to the requesting member. Military members should notify their local election officials when they move so the absentee ballot will be sent to the proper address.

Voters can expect to receive their absentee ballots 30 to 45 days before an election, voting officials said. If a ballot has not been received two to three weeks before an election, people should contact the FVAP ombudsman service for assistance in determining when their ballot was mailed.

"Our U.S. citizens overseas may use the Federal Write-In Absentee Ballot as a back-up ballot to vote for federal offices under certain con-

ditions," Ms. Brunelli said.

"We're recommending that these overseas citizens send the FWAB to the local election official around Oct. 14, 2000," Ms. Brunelli said. "They should still vote the state ballot whenever it arrives. If the state ballot arrives by the state deadline for counting, local election officials will count the state ballot and discard the FWAB."

In addition to the traditional process, the FVAP office is undertaking measures to bring voter registration and absentee voting into the 21st century.

"We are still looking for military members who are voting residents of South Carolina, Orange County, Fla., and Weber County, Utah, to participate in an Internet pilot project that will enable them to register to vote absentee, request an absentee ballot and submit their voted ballot for the 2000 general election over the pilot system," Ms. Brunelli said.

"It is our civic responsibility to vote," she said. "I encourage all our military and their eligible family members to participate in the democracy they so ably defend."



## Important Voting Information

### Voting Installation Project Officer

Maj. Deborah Milano 653-3696

### Assistant Voting Project Officer

2nd Lt. Willie Horne 652-3475



Air Force Web site: [vote@fvap.ncr.gov](mailto:vote@fvap.ncr.gov)

To be eligible to use a Federal Write-In Absentee Ballot, a citizen must:

1. Be located overseas (including APO/FPO addresses).
2. Apply for a regular ballot early enough so the request is received by the local election official at least 30 days before the election.
3. Meet the state's voting eligibility requirements.
4. Not have received the requested regular absentee ballot. The FWAB is available from voting assistance officers located at all military installations and at U.S. embassies or consulates.





# AGOS: Army + Air Force

By Capt. Teresa Suh  
AGOS

The Air Ground Operations School has educated more than 100,000 students on aerospace concepts, doctrine, tactics, techniques and procedures in the past 50 years and has produced impressive military leaders.

AGOS is the only service school devoted to instruction in coordinated joint air ground operations.

Since 1950, the organization has preserved air ground operations lessons for future generations. Group personnel present 850 lectures, seminars and joint planning exercises each year.

Courses and field exercises are critical in training air and surface forces to conduct joint and combined operations. The school provides its sophisticated, realistic mock combat exercises at the National Training Center, Fort Irwin, Calif., and the Joint Readiness Training Center, Fort Polk, La.



Photo by Senior Airman Melanie Bobair

**Capt. Chris Hutchins, 69th Fighter Squadron at Moody Air Force Base, Ga., examines 8mm infrared film pilots use to record accuracy during weapons exercises.**

## Unscripted battles

Each unscripted battle exercise with up to 3,400 armored vehicles, soldiers, and aircraft enables students to apply tactical air control procedures and techniques to include requesting, coordinating and controlling close air support. During the exercise, the students also learn creative training in procedures and techniques of issues required for successful air support such as bivouac procedures, weapons adjustment, land navigation and communications.

Students learn how to control air support in tactical scenarios, greatly improving their knowledge of air power for improved job performance. AGOS also has a proud history of actively supporting other training and aerospace testing organizations.

Early in the Korean War, our forces found that many of the lessons learned during air ground operations in World War II had not been passed on and that a need existed for immediate training of personnel in the concepts and procedures of air ground operations. On Sept. 15, 1950, Headquarters Tactical Air Command published the order directing Ninth Air Force to establish a school of air ground operations.

To accommodate the need for additional field training by tactical air control party personnel, the U.S. Air Force AGOS was moved in 1962 to Hurlburt Field, Fla., where it was assigned to the 505th Command and Control Evaluation Group, a subordinate unit of the 53rd Wing. During this time, the 53rd Wing and the 57th Wing here, had both testing and training functions. Responsibility for close air support training and education was shared among three separate commands: the Joint Firepower Control Course under the 53rd Wing; and the two premier CAS training exercises, Air Warrior I and Air Warrior II, under the 57th Wing and 8th Air Force, respectively.

## Squadrons assigned

### *Joint Firepower Control Course*

- Trains over 1,000 international military personnel each year in tactics, techniques and procedures to tactically plan, request, coordinate and control joint firepower.

### *549th Combat Training Squadron (Air Warrior I)*

- Organizes and executes combat CAS training, providing a realistic training environment of 400 armored vehicles and 3,000 soldiers in a dynamic and unscripted battle 10 times each year.

### *Det 2, AGOS*

- Serves as the division liaison element for NTC operations, integrating air power in the world's most advanced military training environment.

- Trains 70,000 soldiers and brigade commanders in 10 rotations each year.

### *548th Combat Training Squadron (Air Warrior II) and Det 1, 548 CTS*

- Hosts 76,000 DoD and international personnel annually, providing support in planning, live ordnance delivery, field training observance and control, munitions replication, command, weather support, maintenance, and air traffic control.

In 1996, the Air Warfare Center initiated a process to streamline testing and training functions by consolidating all testing functions under the 53rd Wing and all training functions under the 57th Wing. The proposal consolidated all CAS training and education under a single AGOS group, assigned to the 57th Wing. On Nov. 4, 1997, AGOS opened its doors here.



# Manufacturing hydraulic lines goes hi-tech

**By Tech. Sgt. Patricia Collins**  
**AWFC Public Affairs**

In this technological age, it's no surprise when procedures such as making hydraulic tubes become computerized.

Airman 1st Class John Davies, 1st Equipment Maintenance Squadron Fabrication Shop, Langley Air Force Base, Va., spent two days here teaching the 57th Equipment Maintenance Squadron FAB Shop how to use the new state-of-art Eagle Eaton Leonard computerized tube bender.

This equipment makes hydraulic lines for any aircraft in the inventory. It measures the shape of a tube by scanning the straight sections of the tube, which creates a three-dimensional representation. With this data, the machine can manufacture a perfect tube, Airman Davies said.

An F-15 has about 430 hydraulic lines, said Master Sgt. David Holly, 57th EMS structural maintenance special projects NCOIC. "With that many lines, it's not uncommon for one of them to

fail. If the part goes zero balance in the supply system, the plane can't fly."

With the new tube maker, the fabrication shop can now make one, or even a spare, on the spot, he said.

Before the new machine arrived, tubes were made by hand. "Slight differences in each tube were noted. They still met technical order specifications—they were just slightly different. With the computerized equipment, all of the tubes are exactly the same. There is no difference because the computer program measures and stores information each time," he said.

According to Airman Davies, making multiple lines is a snap.

"The computer stores everything by part numbers. You only have to enter the data once and it's there forever," he said. "This saves time and money."

Sgt. Holly said, "This new procedure saves thousands of dollars and not just for Nellis. Any extra lines we make will go into the supply system and will make that part available to other bases."

On average, it takes three hours from the time the first information is put into the computer until the first line comes out of the machine. After the first line is made, it's very fast, said Sgt. Holly. Once the computer has the dimensions stored in it, it only takes about an hour to set it up to make a line," said Airman Davies.



Photos by Airman 1st Class James May III

**Airman 1st Class John Davies, 1st Equipment Maintenance Squadron, Langley Air Force Base, Va., inspects the bend on a tube he made using the Eagle Eaton Leonard computerized tube bender.**

Production is faster for each additional line, taking only seconds per line after the set-up. "We can reproduce as many lines as we need," said Airman Davies. "It only takes a few seconds."

With Airman Davies' help, six members of the 57th EMS FAB shop will become the local experts on the new equipment. They in turn will train the rest of the shop, helping to bring yet another part of the Air Force to the cutting edge of technology.



**Tech. Sgt. Lorenzen Glover, 57th Equipment Maintenance Squadron, feeds line into the Eagle Eaton Leonard machine as Airman 1st Class John Davies, instructor, ensures everything is done properly. Airman Davies spent two days teaching the fabrication shop how to use the new tube bending machine.**



## *Sitting on the fence: Career assistance available for airmen*

**By Ms. Monique Staskiewicz  
AWFC Public Affairs**

Any one sitting on the fence about reenlisting in the Air Force or becoming a civilian now has someone here to talk to. The Air Force created a new position, a career assistance adviser, to help military members make career decisions.

"Two years ago we noticed that the retention rate was dropping for no apparent reason," said Senior Master Sgt. Walter Lipscomb, Nellis career assistance adviser. "So, I created a fun book, *'What Every Airman Should Know To Be Successful In His Or Her Air Force,'* to

"This is a management tool," said Sgt. Lipscomb. "My job is to communicate with the commanders and enlisted leaders to let them know what kind of trends are going on to improve standards and monitor problems and concerns on Nellis. We would like to maintain the tradition of the Air Force and to embrace the younger generation and their concepts for the future."

Sgt. Lipscomb's tools for promoting the Air Force way of life include media, the worldwide web and print media.

Sgt. Lipscomb said "We want to compile raw data, which I have already been



Photo by Airman 1st Class Ashley Sorrels

**Senior Master Sgt. Walter Lipscomb, career assistant adviser, chats with Senior Airman Melissa Weaver, 99th Air Base Wing.**

tell airmen everything they need to know about the benefits of being in the Air Force."

The new career assistance adviser position was developed to increase the retention rate.

"The old career adviser job use to be at the squadron level," said Sgt. Lipscomb. "Now we are trying to understand the bigger concepts to find out what needs military people have so they stay in the Air Force longer."

The career assistance adviser is available at any time during a person's career.

gathering, to help assist Nellis members in their decision-making. Some persons feel that the grass is greener on the other side but they don't realize all the benefits and possibilities of remaining in the Air Force."

"If a person is on the fence in their career decisions, I want to see them," said Sgt. Lipscomb. "What is critical is that we give airmen help to move in the right direction."

To find out more information about remaining in the Air Force, email [stay.usaf@nellis.af.mil](mailto:stay.usaf@nellis.af.mil) or call Sgt. Lipscomb at 652-USAF.





# White House looking for a few good fellows

RANDOLPH AIR FORCE BASE, Texas (AFPC) – Air Force members wishing to learn firsthand how our nation’s government works can do so if they’re selected to participate in the White House Fellowship program.

All U.S. citizens, with the exception of federally employed civilians, can apply for this program that gives exceptional, promising Americans firsthand experience in the process of governing our nation.

There are no restrictions on age, sex or race, and no physical requirements. Annually, 11 to 19

people work full-time for one year as special assistants to senior executives in cabinet-level agencies or in the executive office of the president.

Active-duty members are encouraged to apply and can do so by requesting an application from the President’s Commission on White House Fellows, 712 Jackson Place NW, Washington, D.C., 20503 or by calling (202)395-4522.

Applications must be returned to the commission and postmarked by Feb. 1, 2001.

The President’s Commission also

has a Web site about the program at [www.whitehousefellows.gov/](http://www.whitehousefellows.gov/).

Completed applications are forwarded directly to the commission and do not need to be forwarded through the Air Force Personnel Center.

“The selection process is very competitive,” according to AFPC officials. Candidates are judged on the basis of professional, academic, athletic, artistic and other accomplishments, and on their demonstrated interest in public service. The process is lengthy. Regional finalists will be selected around March 1 with regional in-

terviews scheduled usually during the following month in cities throughout the United States. From these interviews, national finalists will be selected.

Notification from the commission will be by letter followed by appointments for national interviews.

The president will make the final selections in June.

Those selected will serve their tours from Sept. 1, 2001, to Aug. 31, 2002.

Contact the local military personnel flight at 652-9459 for eligibility criteria.





# Nellis major dons two hats: pilot, doctor

By 1st Lt. Allen Herritage  
AWFC Public Affairs

Patients may have a hard time getting an appointment with Maj. Lee Harvis, a flight surgeon at the Mike O'Callaghan Federal Hospital at Nellis. No, he's not playing golf or taking leave. He's working his other job as an HH-60 pilot for the 66th Rescue Squadron.

A good candidate for the title of "Busiest Man in the Air Force," Maj. Harvis is one of 10 members who share the Air Force specialty code called pilot-physician.

"I've always wanted to do both," said Maj. Harvis. "I love seeing patients and I love flying helicopters."

Maj. Harvis spends two days a week at the hospital and three at the rescue squadron where he is assistant director of operations.

"It's harder going to work at the rescue squadron. I'm not just a pilot there. I have additional responsibilities such as being supervisor of flying and running the pararescue program while still performing the duties of a physician."

The pilot-physician program started in 1947 when the first Air Force doctors entered pilot training. Since then, the program has continued to produce a limited group of airmen who maintain their skills in the cockpit as well as in the hospital.

Starting out as an Air Force aerospace engineer, Maj. Harvis had a long road to travel before he could call himself a pilot-physician. He first had to apply for pilot

training. Once a pilot, he had to fly for three years to gain operational experience before he could apply to medical school. In order to go to medical school, he had to resign his commission. After completing medical school, he waited



Photo by Senior Airman Melanie Bobair

**Maj. Lee Harvis removes a mole from an airman during an office visit at Mike O'Callaghan Federal Hospital.**

a year as a flight surgeon to be selected for the program. After that year, Maj. Harvis came back as a member of the most exclusive career field in the Air Force.

Like other pilot physicians, Maj. Harvis is not in it for the money. Pilot-physicians are not eligible for the pilot bonus. They do receive the doctor's bonus, but cannot "double dip."

"Pilot-physicians are usually pilots first mainly because of age," said Maj. Harvis. "The pilot age constraints after attending medical school and residency are the most limiting factors for a physician who may want to go to pilot training."

The program was started to develop personnel who had expertise in both fields. With this dual expertise, they were better equipped for duties such as mishap analysis, research analysis and studying the human factors of flying.

Maj. Harvis has sat on accident investigation boards and is currently conducting a human factors study on HH-60 gunners' seats.

"There have been a lot of workdays lost due to back problems that gunners and flight engineers have had," said Maj. Harvis. "We're studying the seat so that we can build one that won't cause long-term dysfunction."

The program would like to fill a pilot-physician slot for every airframe, according to Maj. Harvis. Currently, they are flying the F-16, T-37, F-117, A-10 and the HH-60. For the most part, pilot-physicians fulfill the same obligations of both jobs that are expected of those who do one or the other. In the Gulf War, Maj. Tom Koritz, an F-15 pilot-physician, was killed in action.

"I was deployed 210 days last fiscal year," said Maj. Harvis. "When I deploy, I go as a pilot, but I do both jobs while there. If I were to deploy as a physician, Geneva Convention rules would not allow

me to fly combat search and rescue missions."

When he's not flying rescue missions or giving checkups, Maj. Harvis is attending to his third job-Dad.

"I don't have a lot of free time. If I'm not working, I'm with them, it's as simple as that," he said of his wife, Cindi, daughter, Minkinzi, age 5, and son, Alek, age 4. "I don't play golf or go out with the guys that often. I enjoy spending as much time with my family as I can. Being dual rated is only possible because of the support my wife has given to our family and my career."

Maj. Harvis has two other families; the 66th RQS and the flight medicine clinic. "I could not do this day in and day out if it weren't for the great support I receive from the operations group and hospital commanders," he said. "I've got two great supervisors and an NCOIC who I can't say enough about! They make this possible."

The Air Force seems to think highly of Maj. Harvis's NCOIC as well. Senior Master Sgt. Edward Lundberg was recently awarded Air Force Pararescueman of the Year.

There's another aircraft that flies out of Cape Canaveral, Fla., that Maj. Harvis wants to fly in before his Air Force time is over. Last year he was an astronaut candidate. Though not selected, he plans to apply until he can't any more. "It's always been a dream for me to be an astronaut. I'm applying for the mission specialist billet on a space shuttle mission," he said.





# 555th Parachute Infantry Association hits the silk



Photo by Airman 1st Class Ashley Sorrels

**Above, approximately 250 members of the 555th Parachute Infantry Association and their families look on as jumpers leap out into Nellis' sky. Right, one of the four members of the group steers to the landing target. The group toured Nellis as part of their annual reunion in Las Vegas. They also presented Maj. Gen. L.D. Johnston, Air Warfare Center commander, with a baton to show their appreciation for Nellis hosting the reunion tour.**

**Right, viewers on the ground look up as the free-fall jumpers decorate the sky above Nellis with their brilliant red parachutes.**



## Nellis Now



File photo

## 99th Medical Group

**The 99th Medical Group is responsible for providing preventive, emergency and acute care services for more than 22,000 members of the Nellis community. At the Mike O'Callaghan Federal Hospital, health care services are also provided for more than 40,000 retirees and their family members on a space-available basis. Here, Tech. Sgt. Mike Bouddhara, 99th Medical Group lab technician, logs a unit of blood into the lab blood bank.**



## Hitler invades Poland

**Early on Sept. 1, 1939, German Stuka dive bombers flew over Poland and released their bombs—just minutes before the Wehrmacht infantry and panzer divisions rolled into Poland. Adolf Hitler had ordered the attack on**



File Photo

**Poland mere days after the Nazi-Soviet Nonaggression pact was signed. He ignored an ultimatum from Britain the day after the attack on Poland, putting Germany officially at war with Britain and France.**

## Military history questions

**Question 1:** What year did Boeing deliver the first two air-launched cruise missiles to the United States Air Force?

**Question 2:** What materials/chemicals, are most associated with "Operation Ranch Hand?"

**Question 3:** What year did the USAF fire its first Titan I missile?

**Question 4:** In what year did a Strategic Air Command unit receive its first FB-111A Aardvark ?

**Question 5:** What did the "V" in the World War II German V-1 and V-2 rockets stand for?

**Question 6:** As of 1997, what was the gross value of all assets owned by Air Combat Command?

**Question 7:** In what year did the President activate certain Air Force Reserve and Air National Guard units to support the U.S. Post Office during a strike by postal employees?

**Answer 7:** It was in March 1970.

**Answer 6:** The estimated value of all ACC assets in 1997 was put at \$36 billion.

**Answer 5:** The "V" was known to stand for "vengeance."

**Answer 4:** In January 1971, the 509th Bombardment Wing, Pease Air Force Base, New Hampshire, received the first FB-111A assigned to a Strategic Air Command combat unit.

**Answer 3:** February 1959. The Titan I was a two-stage liquid fueled missile with a range of 5,500 miles.

**Answer 2:** Herbicides. Operation Ranch Hand involved the use of herbicides in southeast Asia from 1962 to 1971.

**Answer 1:** 1981. They were delivered to the 416th Bombardment Wing, Griffiss Air Force Base, N.Y.

**Editors note: Compiled by the Air Warfare Center historians office.**



# Working out for health at the base gym

***Below, Staff Sgt. Robert Stephen, 57th Equipment Maintenance Squadron, works out on one of the new low-impact glide machines. Right, Staff Sgt. Duane Gendreau, 57th Component Repair Squadron, performs a bench press as Master Sgt. Marty Anderson, 99th Air Base Wing, spots him. Bottom right, Ms. Christine Rawls works out on an abdominal machine. Bottom left, members of Team Nellis perform aerobic exercises to help improve endurance and strength.***



Photos by Airman 1st Class Ashley Sorrels





## Nellis News

**Editor's note: Bullseye submissions are due by noon the Friday prior to publication.**

### **Korean War veterans**

Team Nellis is organizing a retreat ceremony and luncheon for Korean War veterans. Anyone who took part in the Korean War can call Senior Airman Kelley McErlane at 249-1544 to ensure they are recognized at upcoming events.

### **Palace Front briefing**

A Palace Front Air Force Reserve briefing is Thursday in building 20, room 319 at 1 p.m. The program allows eligible officers and enlisted people with a date of separation in February or earlier to continue their military service with the Air Force Reserve. For more information, call the in-service recruiters at 652-4806/9423.

### **Food Survey**

Parents with children enrolled in either the Child Development Center, Enrichment Center or Nellis Boys and Girls Club are required to fill out a food program survey during the month of September. The U.S. Department of Agriculture Food Program subsidizes the cost of the center's food program to reduce cost to parents. For more information, call CDC I at 652-4241, CDC II at 652-5885 or the Nellis Boys and Girls Club at 652-9307.

### **All Dads Are Parents Too**

ADAPT support group is for any dad-to-be or active-duty single dad focusing on prevention of stress, reduction of parenting constraints and the importance of a proactive approach to juggling multiple demands and roles as a parent. Group meetings are Tuesdays from 9 to 10:30 a.m. in the HAWC classroom, building 625. For more information, call 653-3380.

### **Single Moms Are Resilient**

SMART support group is for any pregnant or single mom focusing on childhood education, information exchange and giving encouragement. For more information, call Ms. Paula Tracy at 653-3380.

### **Childhood trauma support**

This new support group, designed to meet the needs of adult survivors of childhood trauma, is psychological-educational in scope. Anyone wanting to learn more about the long-term impact of childhood physical, emotional, and sexual abuse or neglect can attend. The goal is to remain proactive and positive while reducing the potential for ongoing negative impact from these experiences. For more information, call Ms. Paula Tracy at 653-3380.

### **NAF property sale**

A nonappropriated fund property sale sponsored by the 99th Services Squadron is today, 8 to 11 a.m., at Outdoor Recreation.

Items for sale include lamps, headboards and frames, credenzas, desks and coffee tables. Also, sealed bids are accepted Thursday through Sept. 22 on a 24-passenger, 1991 Diamond bus. Starting bid is \$6,000. For more information, call Outdoor Recreation at 652-8967.

### **Be a hero program**

Families can win a drive-to vacation getaway just for spending time together using a services facility. The vacation getaway includes a three-night, four-day stay at one of nearly 100 hotel properties to include Anaheim, Calif.; Denver; and Orlando, Fla. To participate, pick up a "Hero" card at most services facilities. Stamps are given to enter in weekly drawings. Bonus stamps can be earned by attending the "Services Spectacular" Sept. 16 at the Olympic Pool or by using the [www.servicity.com](http://www.servicity.com) web site. On Dec. 15, the winner receives a \$200 AT&T long-distance voucher. For more information, call 652-5655. *AT&T, Servicity and Pioneer Military Lending sponsor the "Be a Hero" program.*

### **Used book sale**

The American Red Cross is holding a used book sale at the Home and Garden Center Sept. 29 from noon to 6 p.m., Sept. 30 from 10 a.m. to 6 p.m. and Oct. 1 from noon to 6 p.m. A wide variety of books are available for sale. Used books can be donated at the Red Cross office in Bldg. 625. For more information, call 652-2106.

### **Thrift Shop**

The Thrift Shop is open Tuesdays, Thursdays and the first Saturday of the month, 10 a.m. to 1 p.m. for consignments and 10 a.m. to 2 p.m. for sales. The shop is looking for volunteers. For more information, call 644-3777.

### **Enlisted positions**

The 24th Special Tactics Squadron, Pope Air Force Base, N. C., is looking to fill special duty positions. The positions include life support, radio maintenance, parachute logistic support, vehicle maintenance, operations resource manager and information managers. For more information, call Chief Master Sgt. Brian Dostanko DSN 383-0153.

## **Free \$20 phone cards from the Air Force Aid Society**

If you are deploying or going TDY for more than 30 days, stop by the Family Support Center with your orders and get a free \$20 worldwide phone card. For more information, call 652-3327.



# Nellis Living

**Editor's note: Bullseye submissions are due by noon the Friday prior to publication.**

**Base Theater  
652-5020**

## Show times

Unless otherwise indicated, all show times are 7 p.m. with Saturday matinees at 1 p.m. To subscribe to the email mailing list, send your requests to [angel1m@lvcm.com](mailto:angel1m@lvcm.com).

### Today

#### Big Momma's House (PG-13)

Paul Giamatti, Terrence Dashon Howard

#### Saturday, Sunday, Monday

#### Nutty Professor II: The Klumps (PG-13)

Eddie Murphy, Janet Jackson  
\*\*\*\*\*

**\*\*Theater is closed  
Tuesday and  
Wednesday\*\***  
\*\*\*\*\*

### Thursday

#### Scary Movie (R)

Shawn Wayans, Marlon Wayans

**Chapel  
652-2950**

## Weekly schedule:

### Catholic worship

**Mass:** Monday through Friday: 11:30 a.m.

**Saturday:** Reconciliation, 4 p.m.; Mass, 5 p.m.

**Sunday:** Mass, 9:45 a.m. and 12:30 p.m.

### Protestant worship

**Sunday:** Gospel service, 8 a.m. Traditional service, 11:15 a.m.

## Classes/Activities

### Religious Education

Classes begin Sunday for Catholics and Oct. 1 for Protestants but registration is under way now. A registra-

tion box is located in the Chapel. For more information, call 652-7950.

**Singles** meet 6 to 7:15 p.m. Wednesdays at the Chapel Annex. For more information, call 644-6568.

**Officers' Christian Fellowship** has three home Bible studies. To find one near you, call 656-8707.

**Protestant Women of the Chapel** meets noon to 1 p.m. Wednesdays. PWOC holds a meeting Tuesday at the Enlisted Club. For more information, call 453-3248.

**Men of the Chapel** meets Tuesdays at 11:30 a.m. in the Chapel basement.

**Protestant Youth of the Chapel** meets Sundays at 1:30 p.m. in the Chapel basement.

**"Lord, I need grace to make it"** is a study on the endless grace of God. Classes are Thursdays through Nov. 16 from 10 a.m. to noon and 7 to 9 p.m. Information is provided after Chapel services. For more information, call 643-5981.

**Widows in the Neighborhood** monthly activities include lunches, local tours and attending performances. For more information, call 459-1324 or 453-4858.

**Bible Study** is Wednesdays at 9:30 a.m. in the Chapel Annex. For more information, call 459-1324 or 453-4858.

### Gospel choir director

Nellis' Chapel seeks a qualified person to fill the position of gospel choir director. For more information, call 652-2950.

### Choir accompanist

The Chapel is looking for a qualified individual to fill the position of accompanist for the Gospel Choir beginning Oct. 1. For more information, call Master Sgt. Moyle at 652-2950.

### RCIA meeting

Adults who have graduated from high school and are in-

terested in becoming Catholics can come to Rite of Christian Initiation of Adults Sunday at 1:45 p.m. in the Chapel Annex. For more information, call 651-6587 or 648-1401.

### AWANA

Plans to start "Approved Workmen Are Not Ashamed" are under way at the Chapel. AWANA is a Christian program similar to scouting. For more information, call Ms. Denise Richards at 652-7950.

**Community  
Center  
652-5014**

### Self-defense class

Learn how to escape threatening situations from a veteran martial arts expert. This free class is one day a week for six weeks beginning Sept. 21, from 5 to 6 p.m. Class size is limited and registration is required.

**Family Support  
Center  
652-3327**

### Job opportunities

Representatives from Army Air Forces Exchange Services, Armed Forces Bank, Nevada Federal Credit Union, Civilian Personnel and NAF will be on hand to discuss procedures for finding employment Wednesday from 9 to 11 a.m. Call 652-3327 to reserve a seat.

### Basic investing

Learn the different kinds of investments and how they work. Class is Wednesday from 6 to 8:30 p.m. Special guest speaker to be announced.

### Predeployment

This briefing is Wednesdays, 2 to 3 p.m. It's designed to help members of Nellis' communities to prepare for deployments and remote assignments. The briefing also includes the Hearts Apart Morale Call program registration.

**Golf Course  
652-2602**

### Thunderbird Nine

The Sunrise Vista Golf Course "Thunderbird Nine" nine-hole course will open Oct. 7 with a grand opening tournament. Field is limited to the first 144 paid entrants. Entry fee is \$60 per player and includes green fee, cart, prizes and barbecue lunch. Deadline to enter is Sept. 30 or when the field is full.

**HAWC  
653-3376**

### Back to Basics

This class gives tips on stabilization techniques and strength exercises for the back. Classes are held every third Wednesday of the month at 2:30 p.m. in the HAWC classroom. Sign-up is mandatory.

### Massage therapy

Massage therapy is offered Tuesdays, Wednesdays and Fridays at the Health and Wellness Center by appointment. Gift certificates are also available. Call for an appointment.

**Nellis Boys  
and Girls Club  
652-9307**

### Family swap meet

Plan to make a few extra dollars by selling those unused items at the swap meet Sept. 23 and Oct. 7 from 8 a.m. to 2 p.m. Cost is \$15 per table and sellers keep all the sale proceeds. Sign up at the Nellis Boys and Girls Club.

### Youth flag football

Children ages 5-14 are encouraged to register for flag football at the Nellis Boys and Girls Club. Games begin in October. Cost is \$30 per person, plus the cost of an activity card. Current physical and proof of age are required. For more information, call Bob Garcia at 652-6019.

**Skills Development Center  
652-2794**

### Scrapbook class

Learn to create an attractive scrapbook. Classes are Tuesday from 7 to 9 p.m. and Wednesday from 9 to 11 a.m. Cost of \$6 includes album page and supplies. Students need to bring six to eight photos.

### Woodworking class

Beginning woodworking class begins Sept. 27 at 5 p.m. Class runs for six consecutive weeks. Cost is \$35 per class plus materials, payable upon registration.

### Beginning framing

Beginning frame class begins Sept. 27 at 5 p.m. Class runs for six consecutive weeks. Cost is \$35 per class plus materials, payable upon registration.

### Craft bazaar

Sell the treasures you have created at this semi-annual event on Sept. 30 from 9 a.m. to 3 p.m. Cost is \$12 per table. Register by Sept. 28.

**Ticket & Tours  
652-2192**

### Air Force vs. UNLV

Air Force Academy will take on the University of Las Vegas Running Rebels at Sam Boyd Stadium Sept. 30. Doors open at 2:30 p.m.; game starts at 4 p.m. Discounted tickets are available for \$9 and include parking. Tickets are now available.

### Black Watch Royal Highland Regiment

The drums, pipes and Highland dances of the 1st Battalion of the Black Watch, Royal Highland Regiment and the Band and Choir of the Prince of Wales' Division performs at the Thomas & Mack Center Oct. 3 at 8 p.m. Discounted tickets are available for \$22.50 and include parking.